

Express Mail No EL 97937800 US

13DV-13092
PATENT**REMARKS**

The Office Action mailed March 24, 2004, has been carefully reviewed and the foregoing amendment has been made in consequence thereof.

Claims 1-5, 7-12, and 14-18 are now pending in this application. Claims 1, 2, and 12 stand rejected. Claims 3-11 and 13-17 are objected to. Claims 6 and 13 have been canceled. Claim 18 is allowed.

The rejection of Claims 1, 2, and 12 under 35 U.S.C. § 102(e) as being anticipated by the article authored by Yu et al., entitled *A Floating Point Co-Processor for Real-Time Fault Detection and Isolation in Electronically Controlled IC Engines* is respectfully traversed.

Claim 6 was indicated as being allowable if rewritten in independent form including the limitations of the base claim. Claim 6 has been cancelled and independent Claim 1 has been amended to include all of the recitations of Claim 6. Claim 1 is therefore submitted to be patentable over Yu et al.

Claim 2 depends from independent Claim 1. When the recitations of Claim 2 are considered in combination with the recitations of Claim 1, Applicants submit that dependent Claim 2 likewise is patentable over Yu et al.

Claim 13 was indicated as being allowable if rewritten in independent form including the limitations of the base claim. Claim 13 has been cancelled and independent Claim 12 has been amended to include all of the recitations of Claim 13. Claim 12 is therefore submitted to be patentable over Yu et al.

For the reasons set forth above, Applicants respectfully request that the Section 102(e) rejection of Claims 1, 2, and 12 be canceled.

Claims 3-11 and 13-17 were indicated as being allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claim 6 has been canceled, and independent Claim 1 has been amended to include all of the recitations from Claim 6. Claim 1 is therefore submitted to be in condition for allowance.

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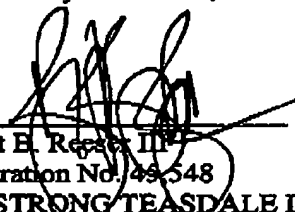
Claims 2-5 and 7-11 depend from independent Claim 1. When the recitations of Claims 2-5 and 7-11 are considered in combination with the recitations of Claim 1, Applicants submit that dependent Claims 2-5 and 7-11 likewise are in condition for allowance.

Claim 13 has been canceled, and independent Claim 12 has been amended to include all of the recitations from Claim 13. Claim 12 is therefore submitted to be in condition for allowance.

Claims 14-17 depend from independent Claim 12. When the recitations of Claims 14-17 are considered in combination with the recitations of Claim 12, Applicants submit that dependent Claims 14-17 likewise are in condition for allowance.

In view of the foregoing amendments and remarks, all the claims now active in this application are believed to be in condition for allowance. Reconsideration and favorable action is respectfully solicited.

Respectfully Submitted,


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